|  |          | Index of Claims |                              |          |          |           |          |          |          |          |             |            |                   |                    | Application No. |                    |             |           |                  |         |            |                |            |                        | Applicant(s) |          |                 |              |          |           |  |  |
|--|----------|-----------------|------------------------------|----------|----------|-----------|----------|----------|----------|----------|-------------|------------|-------------------|--------------------|-----------------|--------------------|-------------|-----------|------------------|---------|------------|----------------|------------|------------------------|--------------|----------|-----------------|--------------|----------|-----------|--|--|
|  |          |                 |                              |          |          |           |          |          |          |          |             |            |                   |                    | 10/614,501      |                    |             |           |                  |         |            |                |            | HAMLETT, BRUCE RANDALL |              |          |                 |              |          |           |  |  |
|  |          |                 |                              |          |          |           |          |          |          |          |             |            |                   |                    | xar             |                    |             |           |                  |         |            |                |            | Art Unit               |              |          |                 |              |          |           |  |  |
|  |          |                 |                              |          |          |           |          |          |          |          |             |            |                   | Cupan C. Alimannii |                 |                    |             |           |                  |         |            |                |            |                        |              |          |                 |              |          |           |  |  |
|  |          |                 |                              |          |          |           |          |          |          |          |             |            | Susan C. Alimenti |                    |                 |                    |             |           |                  | 364     | 44         |                |            |                        | <u> </u>     |          |                 |              |          |           |  |  |
|  |          |                 | Γ                            | _        |          |           |          | l        | _        | _        |             |            |                   |                    |                 |                    | ſ           |           |                  |         |            | <del></del>    |            |                        |              |          |                 | <u>-</u>     | <b>¬</b> |           |  |  |
|  |          |                 | <b>√</b>                     | R        | eje      | cte       | ed       |          | -        | _        | (Th         |            | igh n             |                    | eral)           |                    |             |           | Non-Elect        |         |            | ted            |            |                        | Appeal       |          |                 |              |          |           |  |  |
|  |          |                 | Ľ                            |          |          |           |          |          | L        |          | Cancelled   |            |                   |                    |                 | ļ                  | N           |           |                  |         |            |                | Α          |                        |              |          |                 |              |          |           |  |  |
|  |          |                 | =                            |          | Allowed  |           |          |          | _        | +        |             | Restricted |                   |                    |                 |                    |             | $ \cdot $ | <br>  Interferer |         |            | Ce             | e          | 0                      | Objected     |          |                 |              |          |           |  |  |
|  |          |                 |                              |          |          | VV C      |          |          |          |          |             |            |                   |                    |                 |                    |             | 1111      |                  | C1 C11  |            |                |            | Objecticu              |              |          |                 |              |          |           |  |  |
|  |          |                 | 1                            |          |          |           |          |          |          |          | , ,         |            |                   |                    |                 |                    |             |           |                  |         | ¬ r        |                |            | _                      |              |          |                 |              |          |           |  |  |
|  | CI       | aim<br>T        |                              |          |          |           | Date     | •        |          |          | ┨┞          | Cla        | aim_              | <del>-  </del>     | <del></del>     |                    | <u>Date</u> | •         | $\overline{}$    | 1       | -{ }       | Cla            | _          |                        | т-           | 1        | Date<br>T       | 1            | <u> </u> | $\dashv$  |  |  |
|  | <u>~</u> | Original        | 104                          |          |          |           |          |          |          |          |             | a          | Original          |                    |                 |                    |             |           |                  |         |            | ā              | Original   |                        |              |          |                 | -            |          |           |  |  |
|  | Final    | rigi (          | 8/20/04                      |          |          |           |          |          |          |          |             | Final      | rigi              |                    |                 |                    |             |           |                  | 1       |            | Final          | )rigi      |                        |              |          |                 |              |          |           |  |  |
|  |          | ļ               |                              |          |          |           |          |          |          | _ _      | ]           |            |                   |                    |                 |                    | _           |           |                  |         | <u> </u>   |                |            |                        |              |          |                 | _            |          |           |  |  |
|  |          | 1 2             | 1                            |          |          | _         |          |          |          |          | ┨┞          |            | 51<br>52          | -                  | -               | H                  | $\dashv$    | _         | $\dashv$         | -       | -          |                | 101<br>102 | $\square$              | -            | -        |                 |              |          | $\vdash$  |  |  |
|  | -        | 3               | 7                            |          |          | $\dashv$  |          |          | +        | +-       | ┧┟          | -          | 53                |                    | +               | H                  | $\dashv$    |           | $\dashv$         | +       | ┪╏         |                | 103        |                        | +-           | +        |                 | -            |          | $\vdash$  |  |  |
|  |          | 4               | 1                            |          |          |           |          |          |          |          | j [         |            | 54                |                    |                 |                    |             |           | 士                |         | ] [        |                | 104        |                        |              |          |                 |              |          |           |  |  |
|  |          | 5               | 7                            |          |          | _         |          |          | _ _      |          | ↓           |            | 55                |                    | 1               | $\perp \downarrow$ |             |           |                  |         |            |                | 105        |                        | _            |          |                 |              |          |           |  |  |
|  | -        | 7               | 1                            |          |          | $\dashv$  |          | $\dashv$ | $\dashv$ | -        | ┨┞          |            | 56<br>57          |                    | +-              | ┼╌┤                | $\dashv$    | -         |                  | - -     | ┨╏         |                | 106<br>107 |                        | -            | -        | $\vdash \vdash$ | $\dashv$     |          | H         |  |  |
|  |          | 8               | 1                            |          |          | $\dashv$  |          | -        | $\dashv$ | -        | 1  -        |            | 58                | $\dashv$           | +               | +                  | $\dashv$    | -         | -                |         | ┨          |                | 108        |                        | $\dashv$     | +        |                 | +            | +        | H         |  |  |
|  |          | 9               | 1                            |          |          |           |          |          |          |          |             |            | 59                |                    |                 |                    |             |           |                  |         | ] [        |                | 109        |                        |              |          |                 |              |          |           |  |  |
|  |          | 10              | 1                            |          | $\dashv$ | _         |          |          | $\perp$  |          | <del></del> |            | 60                | _                  | -               | $\sqcup$           | _           | $\dashv$  | $\perp$          | $\perp$ | -          |                | 110        |                        |              | <u> </u> |                 | $\dashv$     | _        | Щ         |  |  |
|  |          | 11              | 1                            | $\dashv$ |          | $\dashv$  | -        |          | +        | +        | ┤├          |            | 61<br>62          |                    | +-              |                    | $\dashv$    | $\dashv$  | $\dashv$         | +       | ┨╏         |                | 111<br>112 | ┞╼┨                    | +            | -        |                 | $\dashv$     | +        | H         |  |  |
|  |          | 13              | ō                            |          |          | ᅥ         |          | _        | $\dashv$ | +        | 1           |            | 63                |                    | +               |                    | $\dashv$    | $\dashv$  | $\top$           | +       | ┪╏         |                | 113        |                        | $\dashv$     |          | $\Box$          | $\dashv$     | +        | $\vdash$  |  |  |
|  |          | 14              | 0                            |          |          |           |          |          |          |          |             |            | 64                |                    |                 |                    |             | $\Box$    |                  |         | ] [        |                | 114        |                        |              |          |                 |              |          |           |  |  |
|  | ļ        | 15              | 0                            |          |          |           |          |          | _ _      |          | ┧┟          |            | 65                | $\dashv$           | -               | -                  | -           |           |                  | _ _     | -          |                | 115        |                        | _            | -        |                 | -            | _        | $\square$ |  |  |
|  | }        | 17              | 0                            |          | $\dashv$ | $\dashv$  | $\dashv$ |          |          |          | ┨┞          |            | 66<br>67          | +                  | ╁╌              | ╂┈┤                |             | $\dashv$  | +                |         | -          |                | 116<br>117 | $\vdash$               |              |          | $\vdash$        | -            | -        | H         |  |  |
|  |          | 18              | 1                            |          |          |           |          |          |          |          | j           |            | 68                |                    |                 |                    |             |           |                  |         | <b>j</b> [ |                | 118        |                        |              |          |                 |              |          |           |  |  |
|  |          | 19              | 7                            |          | _        |           |          |          |          |          |             |            | 69                |                    | $\perp$         |                    | _           | _         | $\perp$          |         |            |                | 119        |                        |              |          |                 |              |          | П         |  |  |
|  |          | 20              | <b>√</b>                     |          | -        | -         | $\dashv$ | -+       | $\dashv$ | +        | ┤├          |            | 70<br>71          | +                  | +               |                    | $\dashv$    | $\dashv$  | -                |         | -          |                | 120<br>121 |                        | +            | -        |                 | +            | +-       | $\vdash$  |  |  |
|  |          | 22              | ō                            |          | 十        | $\dashv$  | $\dashv$ | 十        | $\top$   | $\dashv$ | ┧┟          |            | 72                | $\dashv$           | +               | ┼┤                 | $\dashv$    | 一         | +                | +       | 1 }        | +              | 122        |                        | +            | +        |                 | +            |          | H         |  |  |
|  |          | 23              | 0                            |          |          | $\Box$    |          |          |          |          |             |            | 73                |                    |                 |                    |             |           |                  |         | ] [        |                | 123        |                        |              |          |                 |              |          |           |  |  |
|  |          | 25              | 0                            | _        |          |           | $\dashv$ |          |          | _        | <b> </b>    |            | 74<br>75          |                    | 4               | $\vdash$           |             | -         | +                | +-      | ┤┟         |                | 124        |                        |              |          |                 | _            |          |           |  |  |
|  |          | 26              | $\vdash$                     | -        | $\dashv$ | -         |          | $\dashv$ | $\dashv$ |          | ┤├          |            | 75<br>76          | +                  | ╁               | $\vdash$           |             | +         |                  | +       | ┨╏         |                | 125<br>126 |                        | +            | -        |                 | +            |          | Н         |  |  |
|  |          | 27              |                              |          |          |           | 二        | 土        |          |          |             |            | 77                |                    |                 |                    |             |           |                  |         | 1 [        |                | 127        |                        |              |          |                 | $\neg$       |          |           |  |  |
|  |          | 28              |                              |          | _        | _         |          | $\bot$   |          |          | -           |            | 78                |                    |                 |                    |             |           |                  |         | ] [        |                | 128        |                        |              | Ш        |                 | $\prod$      |          |           |  |  |
|  |          | 30              |                              | $\dashv$ | -        |           |          |          | +        | +        | -           |            | 79<br>80          |                    | +               | ┦                  | -           | $\dashv$  |                  |         | ┨╶├        |                | 129<br>130 | $\dashv$               |              | +        | -               | -            |          |           |  |  |
|  |          | 31              |                              | _        | 一        | $\dashv$  | 一        | $\neg$   | 十        | +        | -           |            | 81                | $\neg$             | +               | $\vdash$           | _           | $\dashv$  | -                | +       | 1          | <del>-</del> - | 131        |                        | +            | +-       | -               | $\dashv$     |          |           |  |  |
|  |          | 32              |                              |          |          | $\Box$    |          |          |          |          |             |            | 82                |                    |                 |                    |             |           |                  |         |            |                | 132        |                        |              |          |                 | 土            |          |           |  |  |
|  |          | 33              |                              | _        | _        | _         |          | 4        | +        | _        | <b>∤</b>    |            | 83                | _                  | 4_              |                    | $\dashv$    | _         | _                |         | -          |                | 133        |                        |              |          |                 | $\bot$       |          |           |  |  |
|  |          | 34              |                              |          | $\dashv$ | $\dashv$  | +        | $\dashv$ | +        | -        | -           |            | 84<br>85          | _                  | +               | $\vdash$           | $\dashv$    | $\dashv$  |                  | ╬       | ┥┟         | $\overline{}$  | 134<br>135 |                        | -            |          |                 | +            |          | $\vdash$  |  |  |
|  |          | 36              |                              |          | $\neg$   | +         | $\dashv$ | +        | $\dashv$ | ┪        |             |            | 86                | _                  | +               | 1                  | -           | $\dashv$  | +                | +-      | 1          |                | 136        |                        | +            |          |                 | +            | -        | H         |  |  |
|  |          | 37              |                              |          | $\Box$   | $\Box$    |          |          |          |          |             |            | 87                |                    |                 |                    |             |           |                  |         | ַן [       |                | 137        |                        |              |          |                 |              |          |           |  |  |
|  | -        | 38              |                              | _        |          | $\dashv$  | +        | +        | +        | +        | -           |            | 88                | $\perp$            | _               |                    | $\dashv$    | _         |                  | +       | ┨╏         |                | 138        | $\sqcup$               |              | ╀-┤      |                 | -            |          |           |  |  |
|  | •        | 40              | $\vdash$                     | $\dashv$ | -+       | +         | +        | +        | +        |          | -           |            | 89<br>90          | -                  | +               | H                  | +           | $\dashv$  | +                | +       | ┨╏         |                | 139<br>140 |                        | +            | +        | $\dashv$        | +            | +        | H         |  |  |
|  |          | 41              |                              |          | 寸        | 丁         |          | 士        |          |          |             |            | 91                |                    |                 |                    |             |           |                  | 1       | <u> </u>   |                | 141        |                        |              |          |                 | _            |          |           |  |  |
|  |          | 42              |                              | _        | $\Box$   | $\prod$   | $\bot$   |          |          | $\perp$  |             |            | 92                |                    | -               |                    | $\Box$      |           | $\Box$           |         | ] [        |                | 142        |                        |              |          |                 |              |          |           |  |  |
|  |          | 43              | $\left  \cdot \cdot \right $ | $\dashv$ | $\dashv$ | +         |          | +        | +        |          |             |            | 93  <br>94        | _                  | +-              |                    | $\dashv$    | $\dashv$  | -                | +       | ┨┞         |                | 143        |                        |              |          | +               | +            | -        |           |  |  |
|  |          | 45              |                              |          | _        | $\exists$ |          |          | _        |          |             |            | 95                |                    | 丁               |                    |             | _         |                  | 1       | <u> </u>   |                | 145        | -                      | _            | ╁┤       |                 | +            |          | H         |  |  |
|  |          | 46              |                              |          | $\prod$  | $\perp$   | 1        |          | $\perp$  |          |             |            | 96                |                    |                 |                    |             |           |                  |         |            |                | 146        |                        |              |          | 工               | $\downarrow$ |          |           |  |  |
|  | <u> </u> | 47<br>48        | -                            | $\dashv$ | 1        |           | $\dashv$ | -        | +        | -        | -           |            | 97<br>98          |                    | +               | $\square$          | +           | -         | -                | +       | ┨┞         |                | 147<br>148 |                        | - -          | +        | _               | +            | +        |           |  |  |
|  | ī        | , 70            |                              | J        | 1        |           | - 1      | - 1      | 1        |          |             | - 1        | 30 I              | ı                  |                 | . 1                | 1           | - 1       | - 1              | 1       |            |                | . ⇔Ω       | 1                      | - 1          | . 1      |                 | - (          | 1 1      | . 1       |  |  |

99

100

Application No.

Applicant(s)

50

149

150